



Oklahoma Crop Weather

Oklahoma Field Office

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Severe Weather Plagues Oklahoma

The week began and ended with severe weather, including wind gusts up to 80 mph, softball-sized hail, and numerous tornadoes. At least 24 tornadoes from Monday's storm have been rated by the National Weather Service, ranging from EF-0 to EF-4. Three additional tornadoes struck the Tulsa area early Thursday morning and another severe thunderstorm brought hail to the Oklahoma City area Sunday night. Multiple storms brought much rainfall to the state, though the amount varied widely with the Panhandle district receiving less than an inch while Jay, in the Northeast district, recorded 4.47 inches for the week. Temperatures also varied widely with highs in the 80s and 90s to a low of 33 degrees in Boise City on Thursday. Topsoil and subsoil conditions improved from the previous week with 21 percent of topsoil and 9 percent of subsoil now rated as surplus. Overall, wet conditions allowed only 3.7 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, May 16, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	2	3	7	5	4	5
Short	15	31	5	15	15	18
Adequate	62	65	52	71	80	58
Surplus	21	1	36	9	1	19

Small Grains: Conditions continued to be rated mostly in the good to fair range for all three crops. **Wheat** headed reached 95 percent complete, two points behind normal, while 41 percent of wheat was in the soft dough stage of development by week's end, 13 points behind the five-year average. Forty two percent of the **rye** crop was in the soft dough stage by Sunday, a 22 point increase from the prior week, but still 33 points behind normal. **Oats** jointing reached 90 percent complete, only one point behind normal. Oats headed increased 13 points to reach 46 percent complete, while 10 percent of oats are now in the soft dough stage of development.

Row Crops: The wet conditions have limited fieldwork and planting this week, while benefiting the crop already planted. **Corn** planted reached 95 percent complete by Sunday and 76 percent of the corn crop had emerged by week's end, both four points ahead of the five-year average. Seedbed preparation for **sorghum** is at 77 percent complete, only one point ahead of the week prior; 27 percent of the sorghum crop was planted by week's end. **Soybean** seedbed preparation also increased one point from the previous week to 70 percent complete, while soybeans planted reached 31 percent complete. **Peanut** seedbed preparations were 93 percent complete, just one point behind normal, while peanuts planted reached 57 percent complete, 18 points ahead of normal. **Cotton** seedbed preparations continued with 93 percent complete, on track with the five-year average. Cotton planted increased seven points, but was three points behind normal.

Miscellaneous Crops: The **watermelon** crop reached 82 percent planted, a 27 point increase from the previous week, and 15 points ahead of the five-year average.

Hay: Rainfall limited hay baling in some areas but overall **alfalfa** hay cutting increased 16 points to 73 percent, 15 points ahead of normal. The first cutting of **other hay** increased six points to 29 percent complete, three points ahead of normal. Alfalfa and other hay were mostly rated in the good to fair range.

Pasture and Range: Pasture and range conditions were rated mostly in the good to fair range, while spraying and fertilization continued.

Livestock: Livestock conditions rated mostly in the good to fair range. Prices for feeder steers less than 800 pounds averaged \$118 per cwt. Prices for heifers less than 800 pounds averaged \$109 per cwt.

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Conditions by Percent
Week Ending Sunday, May 16, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Small Grains -					
Wheat	3	4	26	54	13
Rye	4	5	28	53	10
Oats	7	5	36	45	7
Row Crops					
Corn	0	1	9	86	4
Hay					
Alfalfa Hay	1	2	28	59	10
Other Hay	1	6	31	53	9
Livestock, Pasture and Range -					
Livestock	1	6	27	54	12

Crop Progress by Percent
Week Ending Sunday, May 16, 2010

Crop and Event	This Week	Last Week	Last Year	5 Year Average	Crop and Event	This Week	Last Week	Last Year	5 Year Average
Wheat -					Soybeans-				
Headed	95	87	97	97	Seedbed Prepared	70	69	60	69
Soft Dough	41	17	49	54	Planted	31	24	17	28
Rye-					Peanuts-				
Soft Dough	42	20	65	75	Seedbed Prepared	93	91	87	94
Oats-					Planted	57	29	29	39
Jointing	90	83	91	91	Cotton-				
Headed	46	33	53	55	Seedbed Prepared	93	87	81	93
Soft Dough	10	N/A	N/A	N/A	Planted	21	14	7	24
Corn-					Alfalfa -				
Planted	95	90	82	91	1st Cutting	73	57	24	58
Emerged	76	65	63	72	Other Hay -				
Sorghum-					1st Cutting	29	23	14	26
Seedbed Prepared	77	76	69	67	Watermelons -				
Planted	27	24	10	26	Planted	82	55	37	67

Weather for Week Ending May 16, 2010: Temperatures ranged from 33 degrees at Boise City on Thursday, May 13th, to 98 degrees at Altus on Monday, May 10th. Precipitation ranged from 0.71 in the Panhandle district to 2.65 inches in the Northeast district. Soil temperature averages ranged from 56 degrees at Kenton on Friday, May 14th, to 78 degrees at Hugo on Thursday, May 13th.

Mesonet Temperature and Precipitation Data
Week Ending Sunday, Ending May 16, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2010 to May 16, 2010		
					Total	Departure from Normal	Percent of Normal
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	73	44	59	0.71	4.39	-0.82	84
West Central	77	52	64	1.00	5.26	-2.27	70
Southwest	78	56	66	1.42	5.51	-1.99	73
North Central	74	51	62	1.50	5.69	-2.39	70
Central	74	56	64	2.23	7.15	-2.53	74
South Central	77	61	68	2.52	8.67	-1.53	85
Northeast	73	57	64	2.65	8.44	-2.05	80
East Central	75	60	67	2.56	8.67	-2.79	76
Southeast	81	63	71	1.53	8.04	-4.21	66